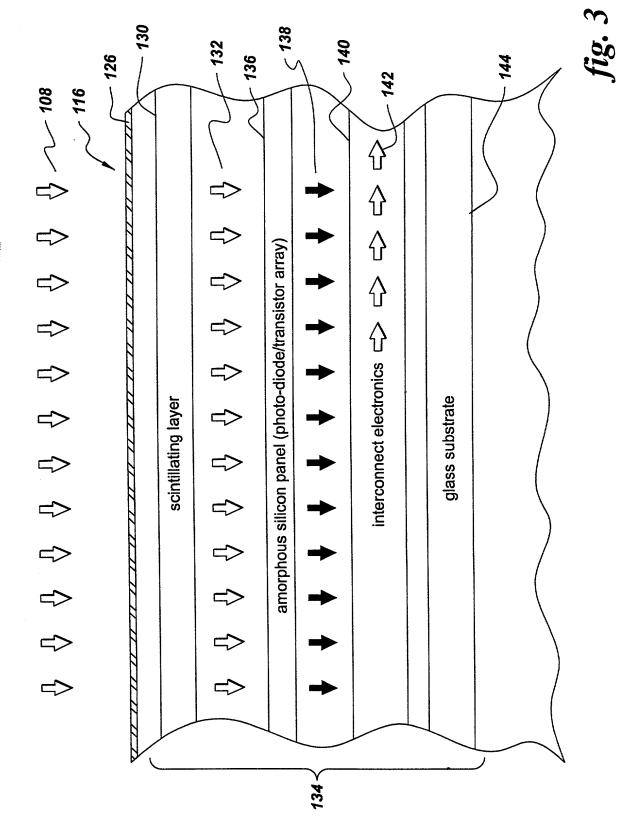
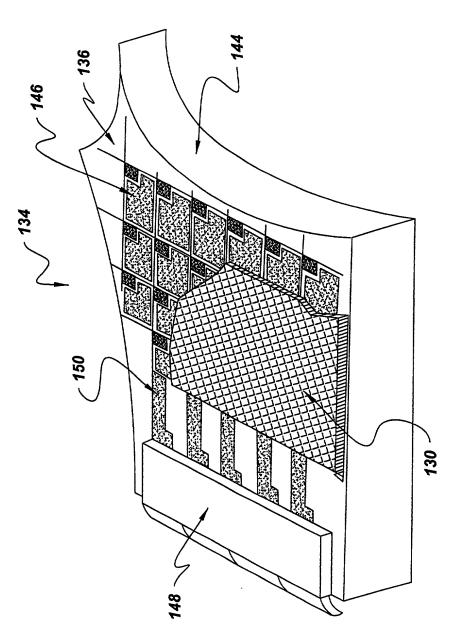


fig. 2 (PRIOR ART)



the test with the will take the control of the test take the take the test take the te

fig. 4 (Prior Art)





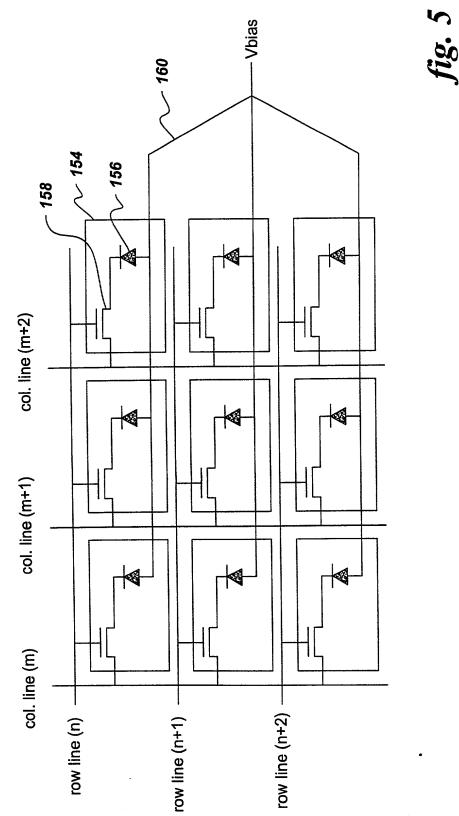
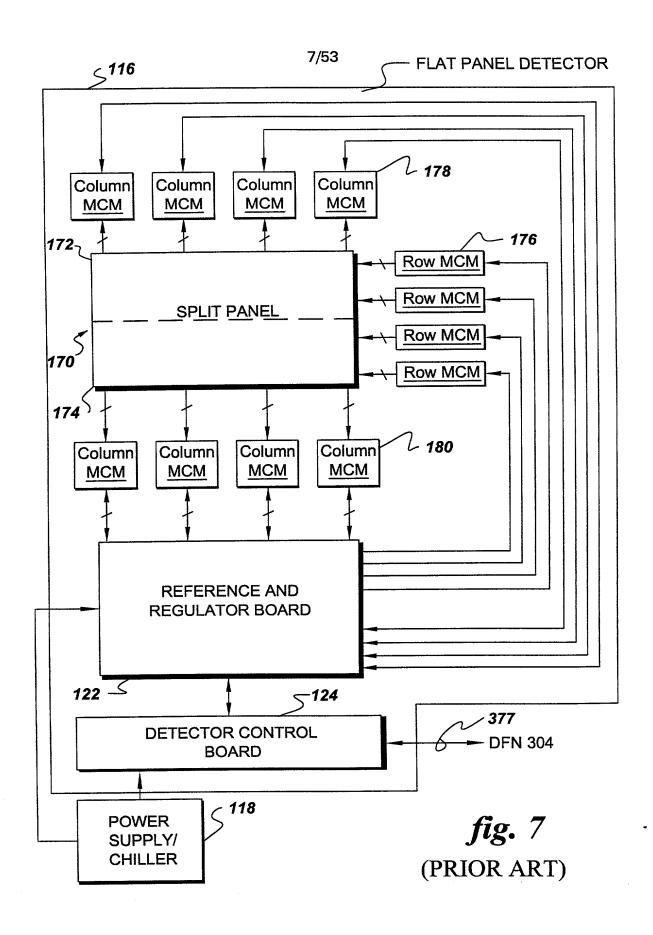
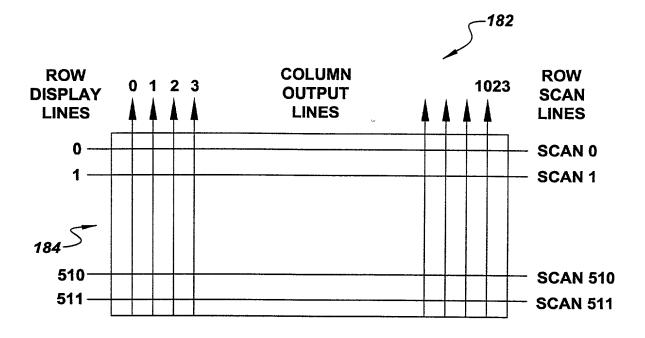


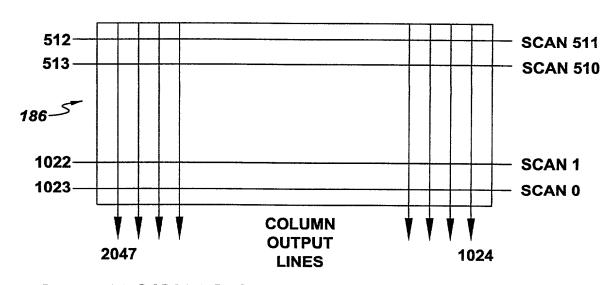
fig. 5 (Prior Art)

FLAT PANEL DETECTOR

The same of the sa







CARDIAC/SURGICAL DIGITAL X-RAY PANEL

fig. 8 (PRIOR ART)

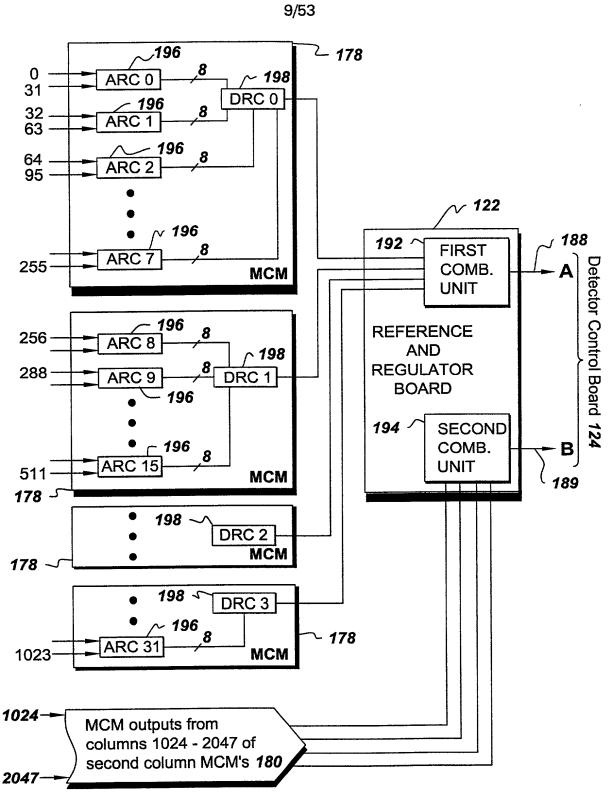
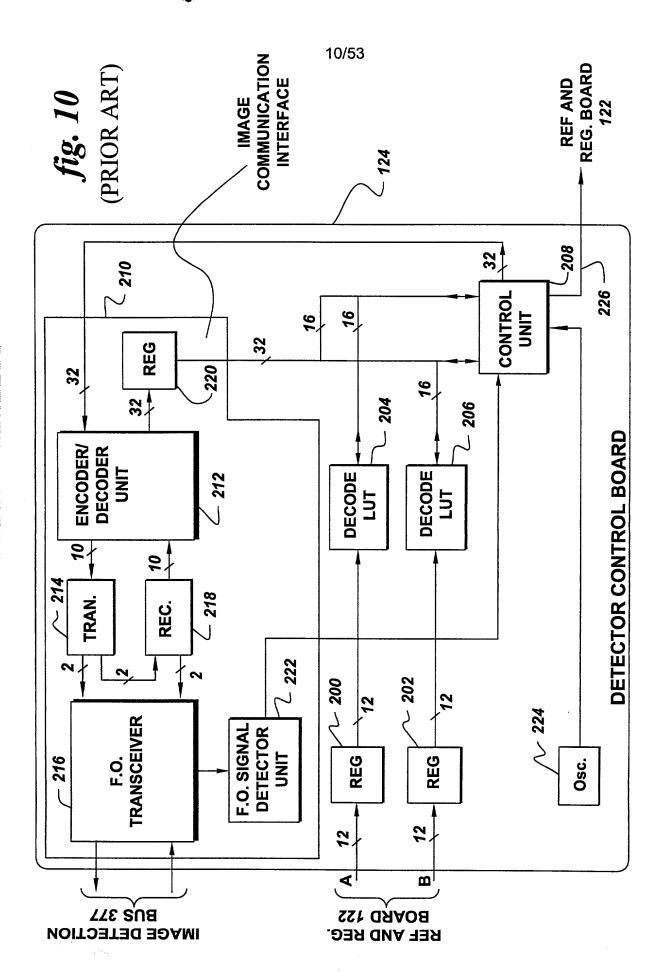
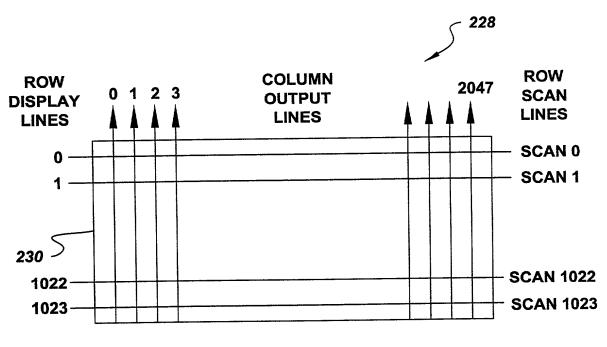
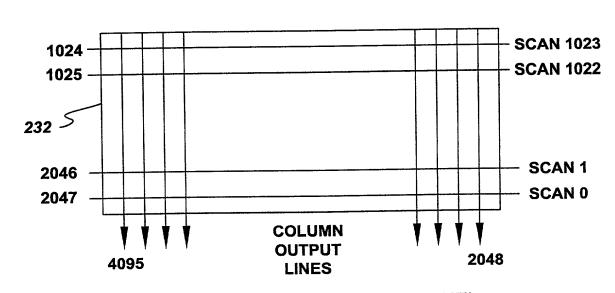


fig. 9 (PRIOR ART)

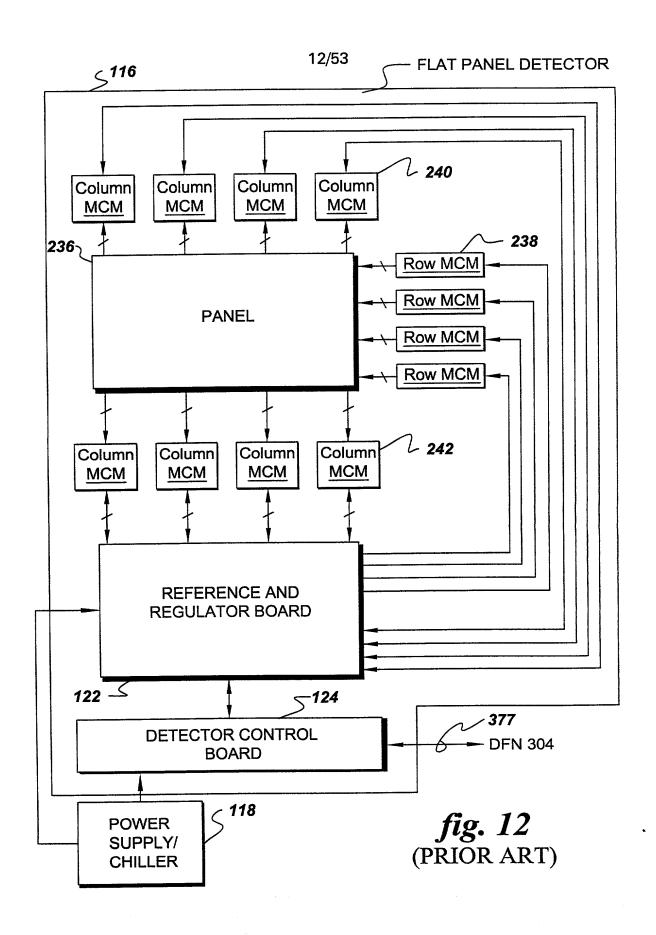




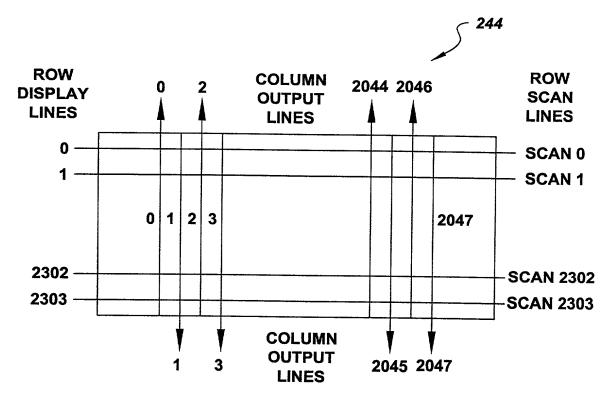


RADIOGRAPHY DIGITAL X-RAY PANEL

fig. 11 (PRIOR ART)

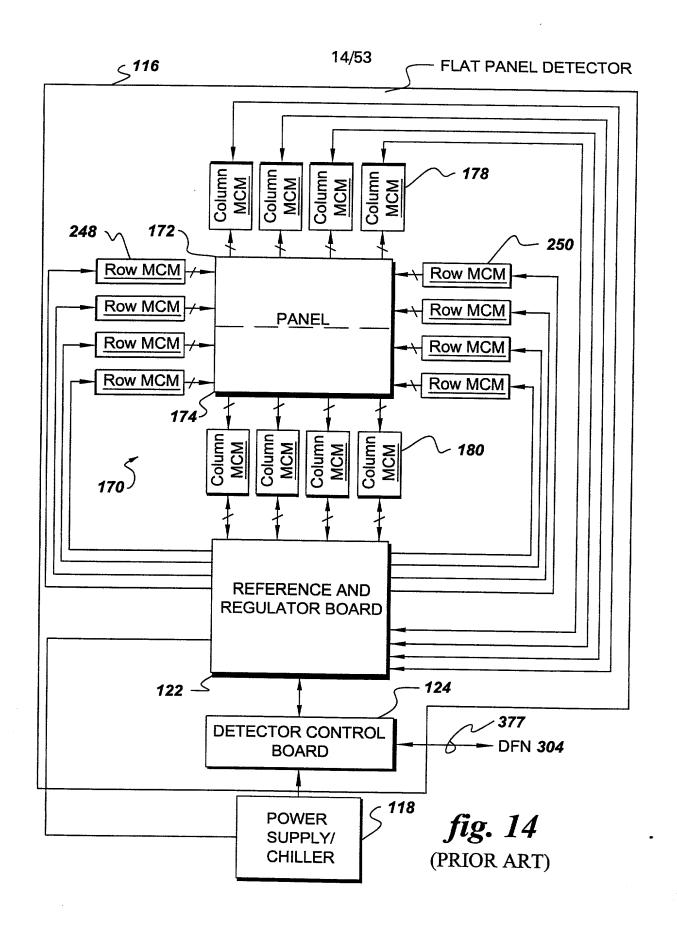


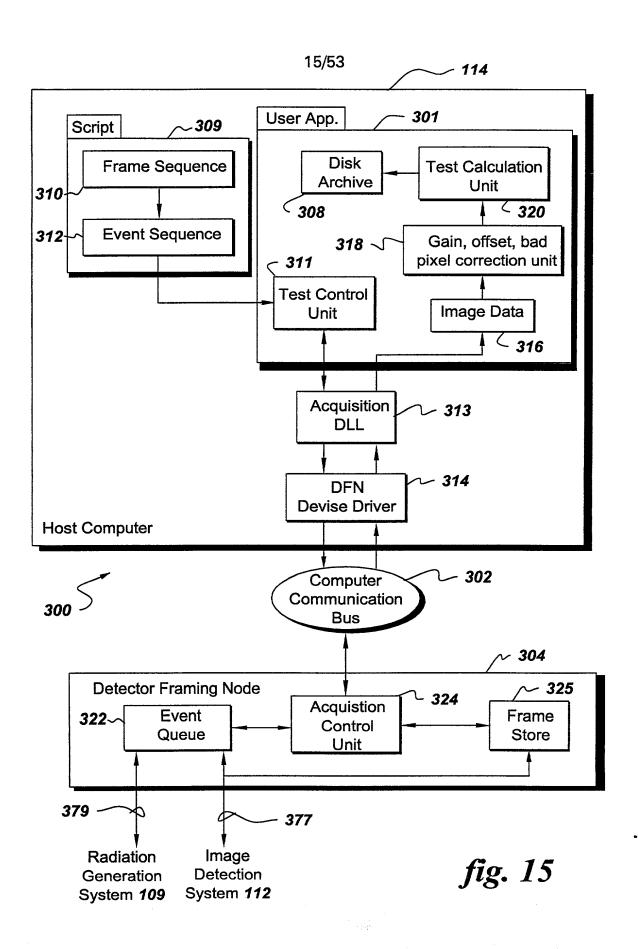
13/53

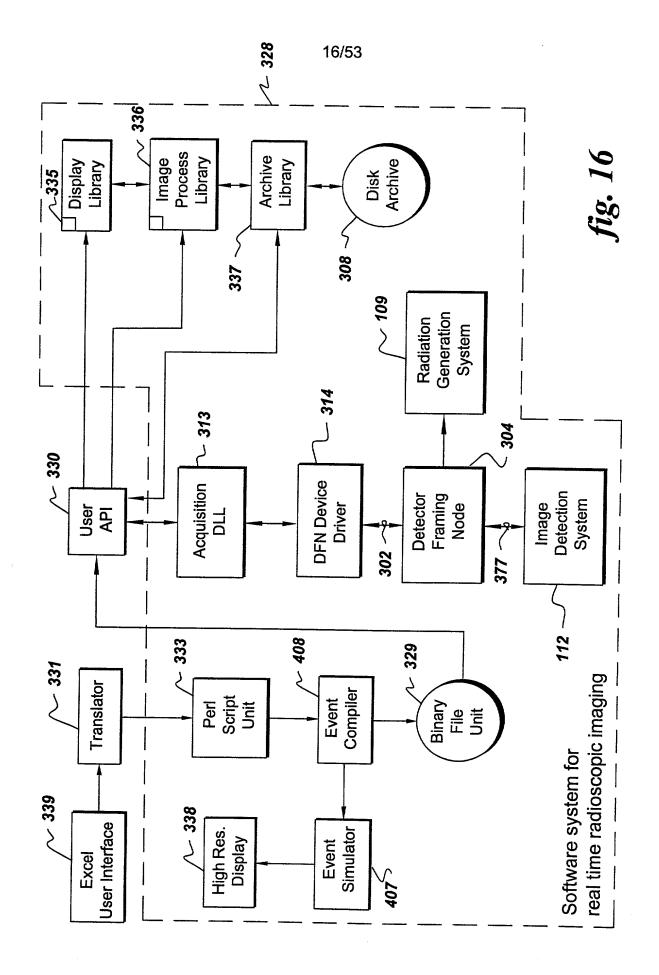


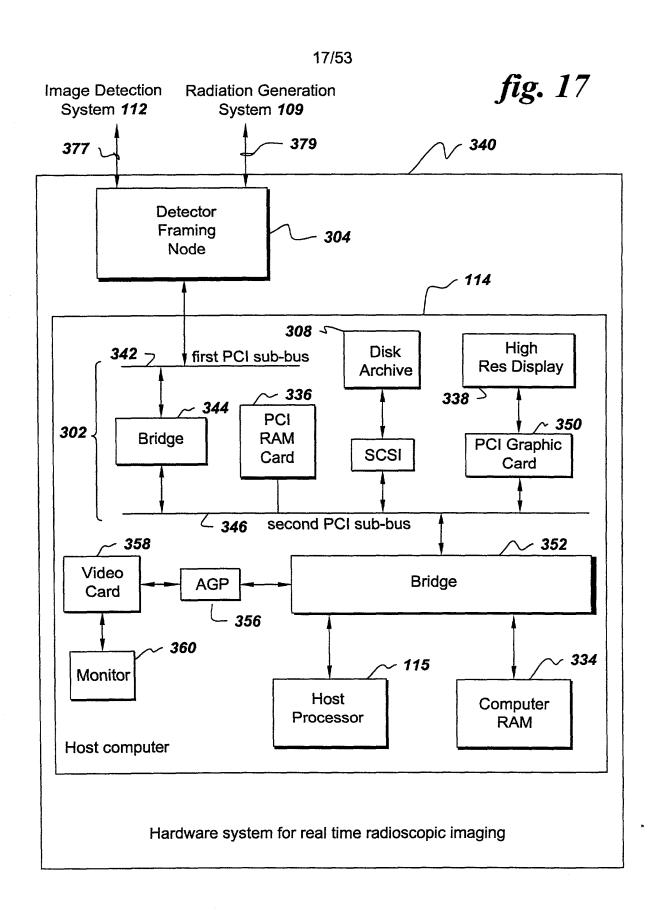
MAMMOGRAPHY DIGITAL X-RAY PANEL

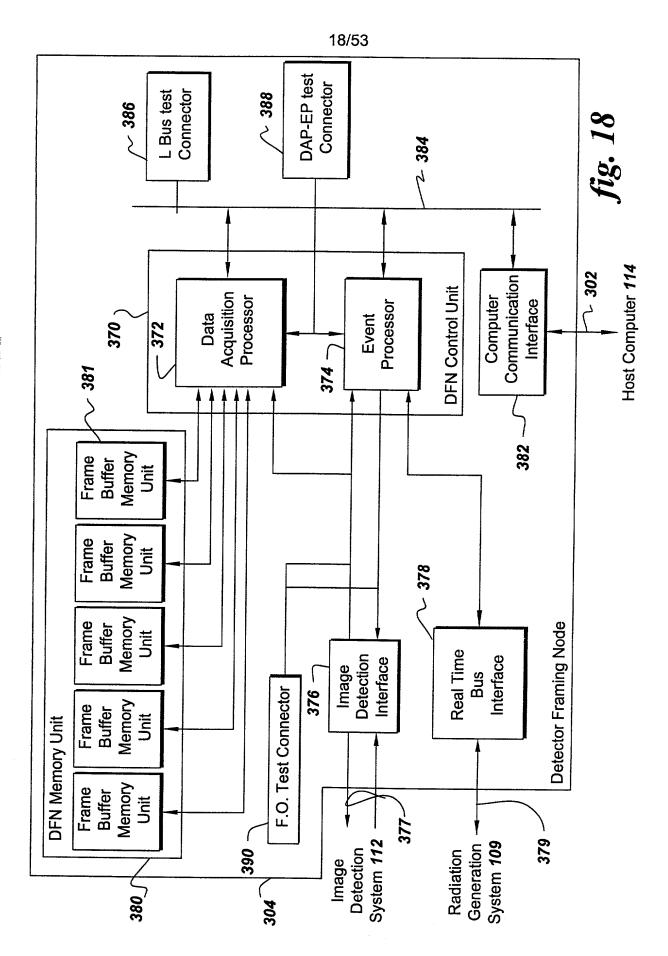
fig. 13 (PRIOR ART)











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memory offset	host "	host "	
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(fm/sec) length latency	unlimited -	unlimited unlimited unlimited	
(fm/sec)	30	я. ү. Ү.	
	Real Time Post Process Post Process	Real Time Real Time Real Time	
	Panel Setup Single Frame Single Frame	Real Time Real Time Real Time	

Frames Stored host memory	200 50 44
image size	1024 X 1024 2048 X 2048 2304 X 2048
Modality	Cardiac Rad Mammo

fig. 20

20/53

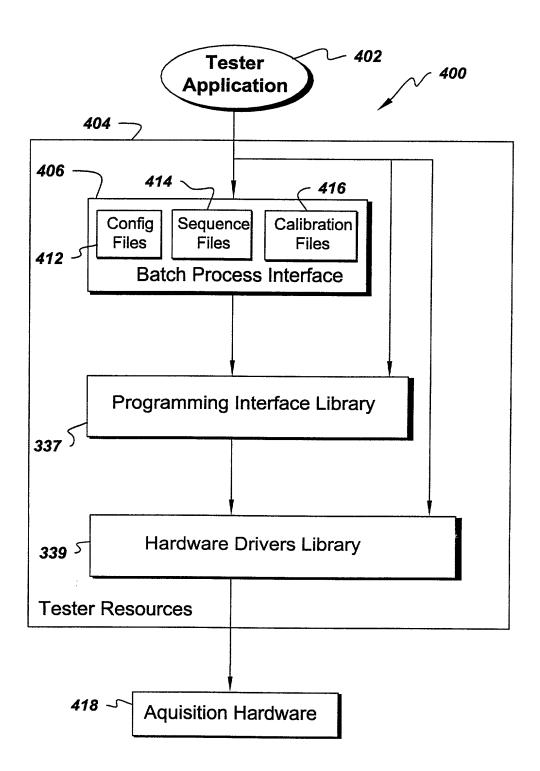
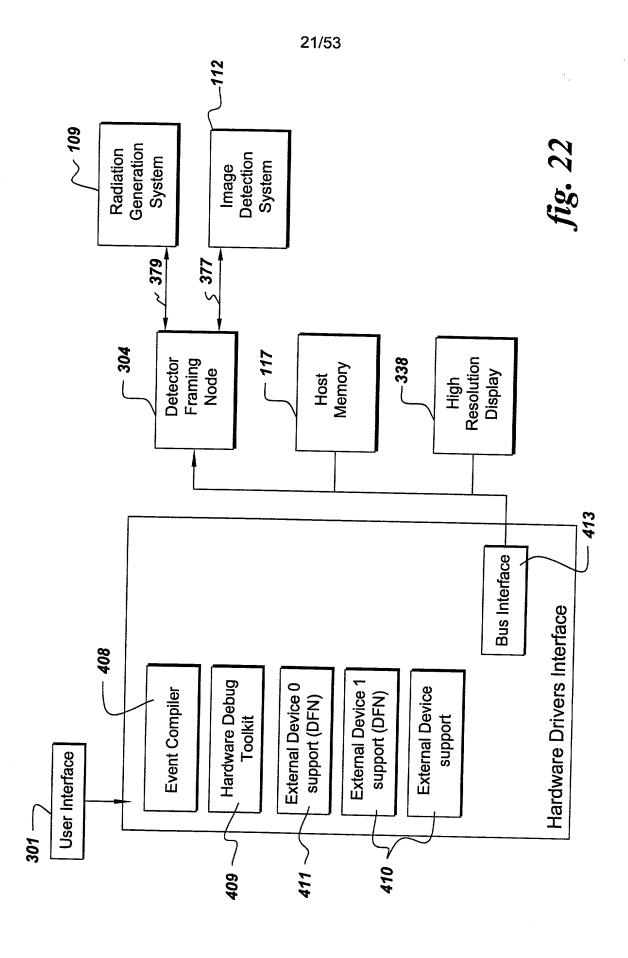


fig. 21



22/53 Frame timing **Scan Setup Parameters** Frames before expose Ramp select (0-15) Frames during expose Timing mode (0-7) Frames after expose ARC Bandwidth Frame interval ARC Feedback Cap (0-3) Exposure Time Delay ARC Gain (0-3) Frame setup time Rows readout (1,2,16,32) Row enable Scan Voltages Row Long/Short Common Voltage (1&2) Compensation enable Compensation Voltage Compensation Lng/Shrt Reference Voltage Right Row T/S Row Off Voltage Left Row T/S Row On Voltage Digital Test Select (0-7) Analog Test Select (0-7) Analog Test Src (0-15) Common Voltage Select DRC Column Sum SETTINGS OF DETECTOR CONTROL BOARD CONTROLLED BY DFN 304

fig. 23

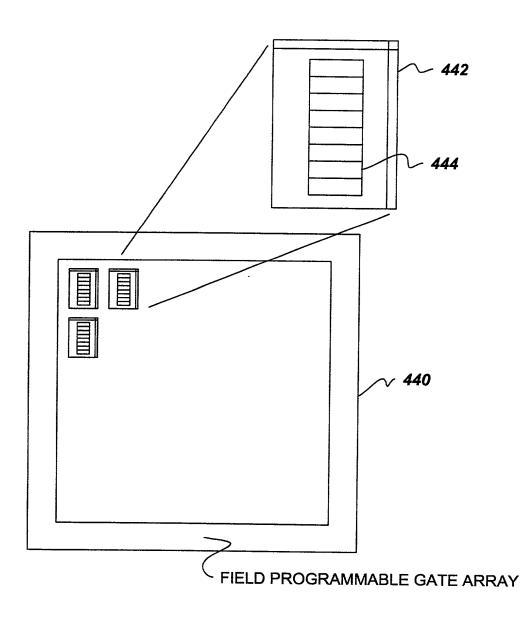


fig. 24

24/53

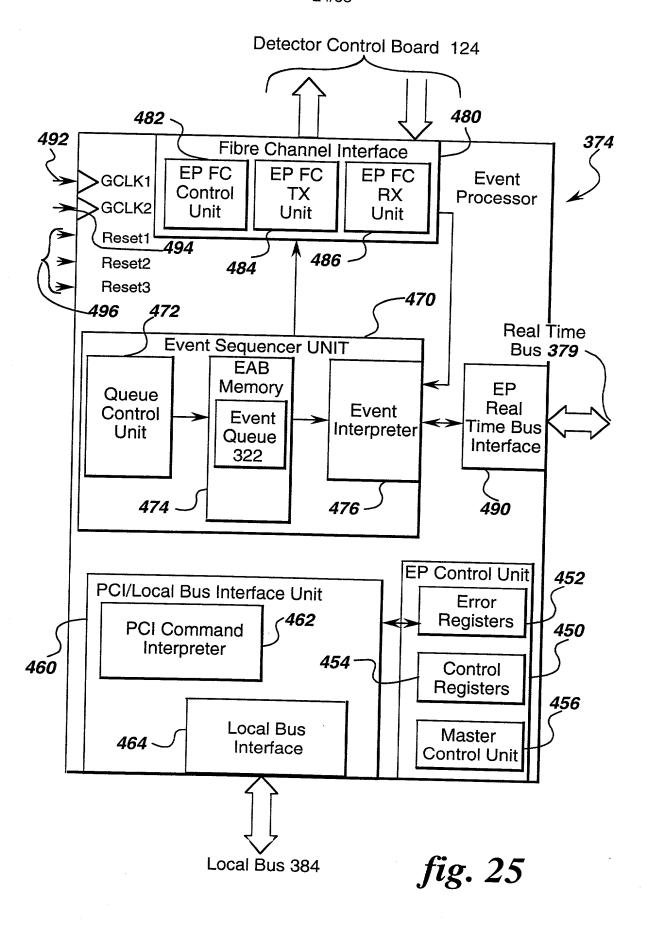


Image Detection Bus 377

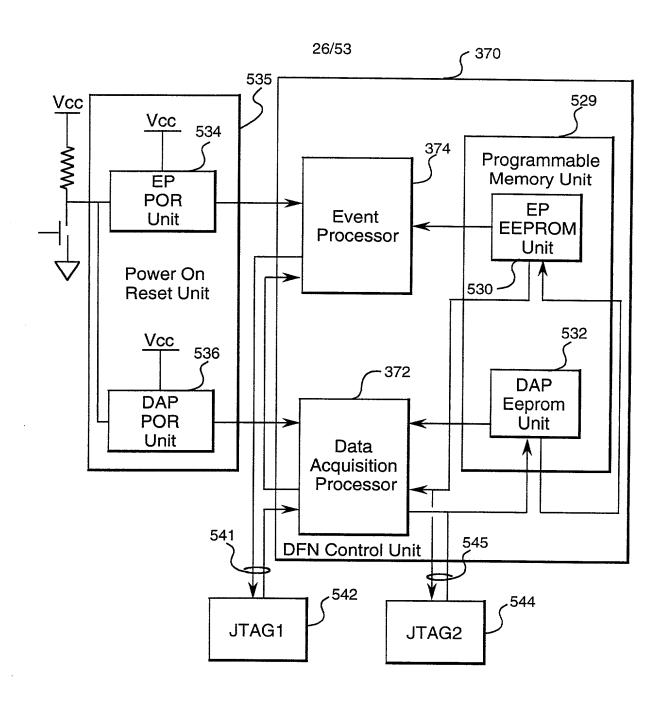
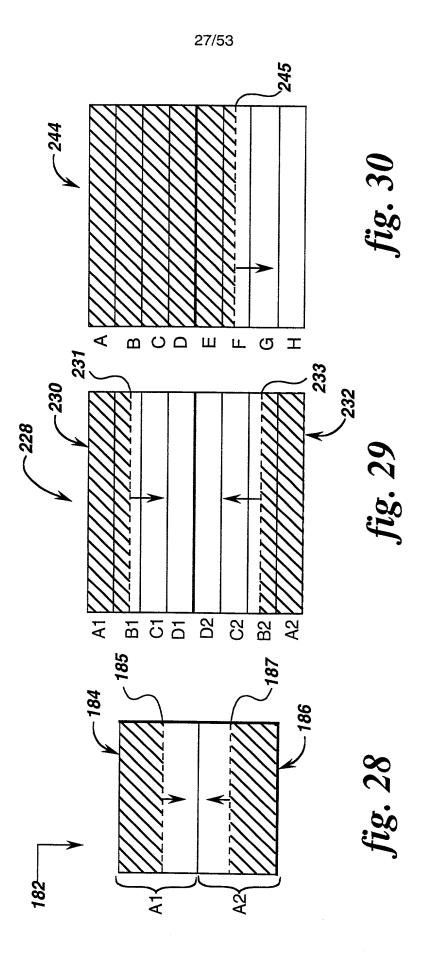
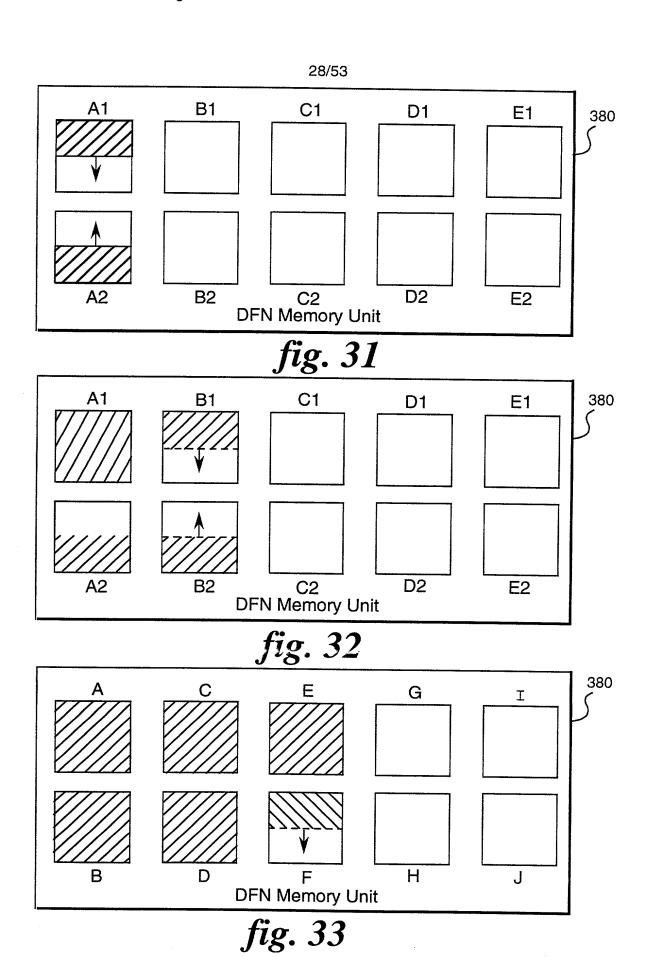


fig. 27





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A1	C1	O
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	D2	Ш
A2	C2	Ц
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fig. 21	£ ~ 2£	
15. 34 15. 34	CC :31	110.50

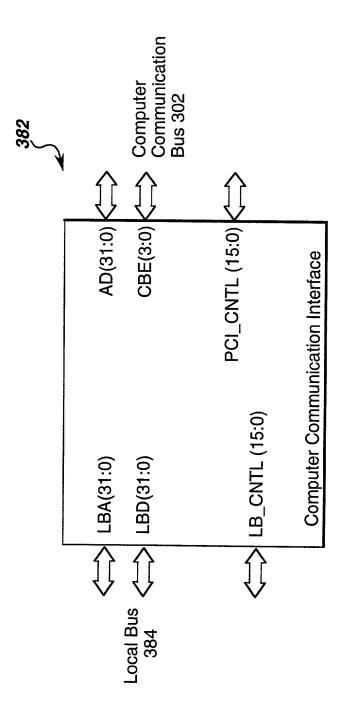
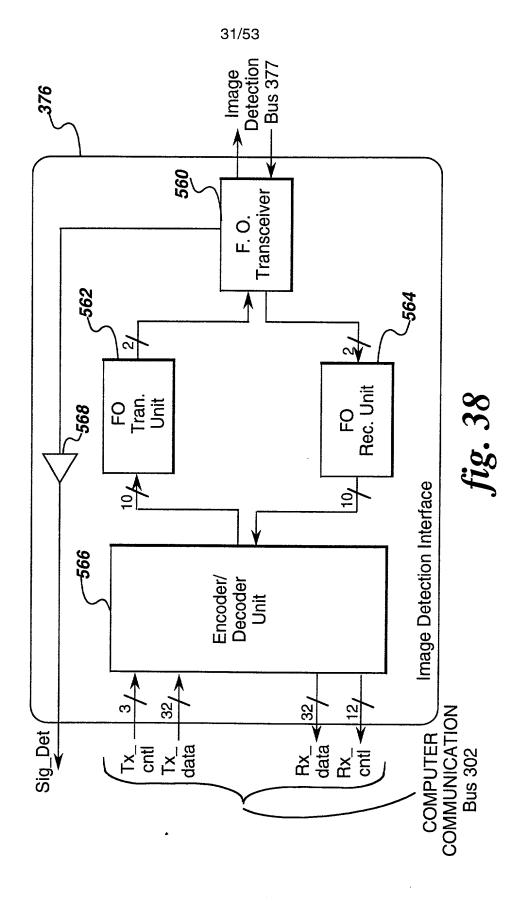
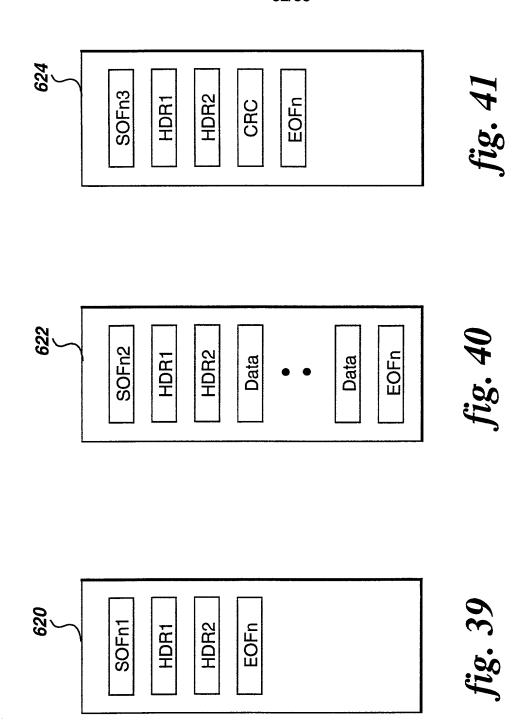


fig. 37





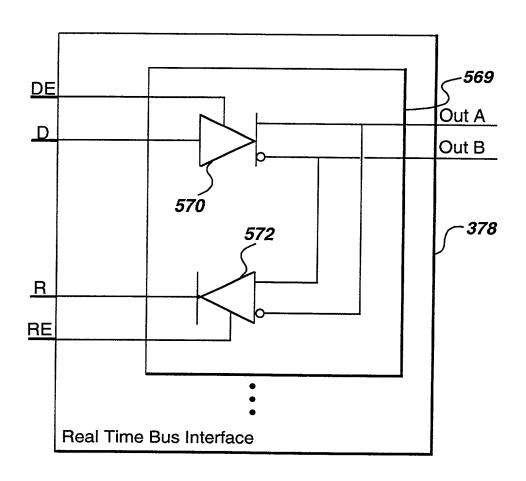
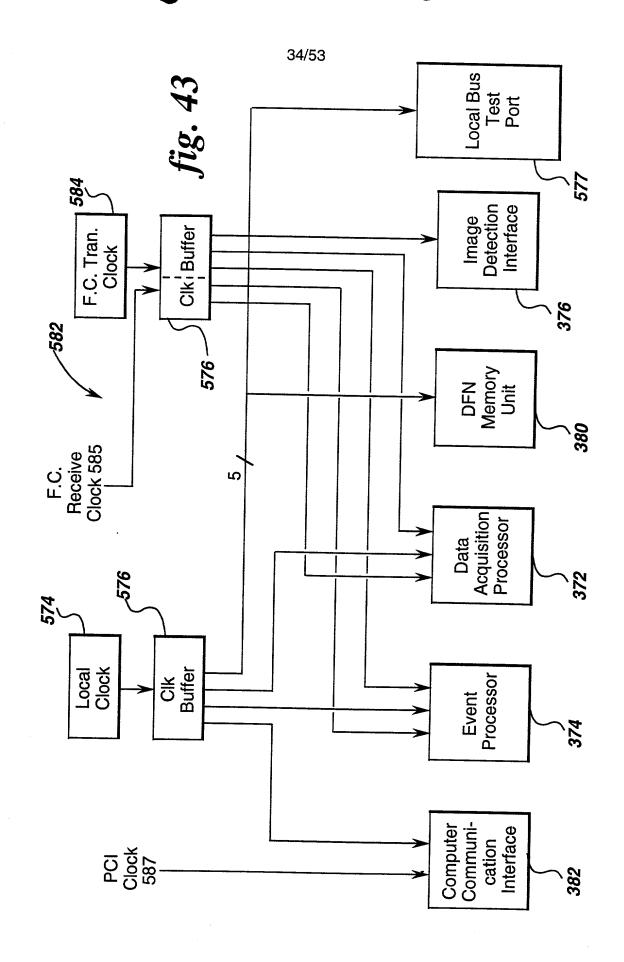
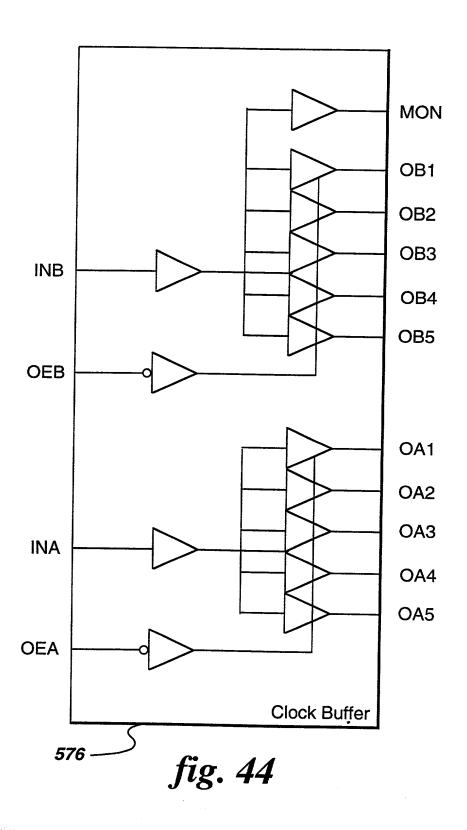
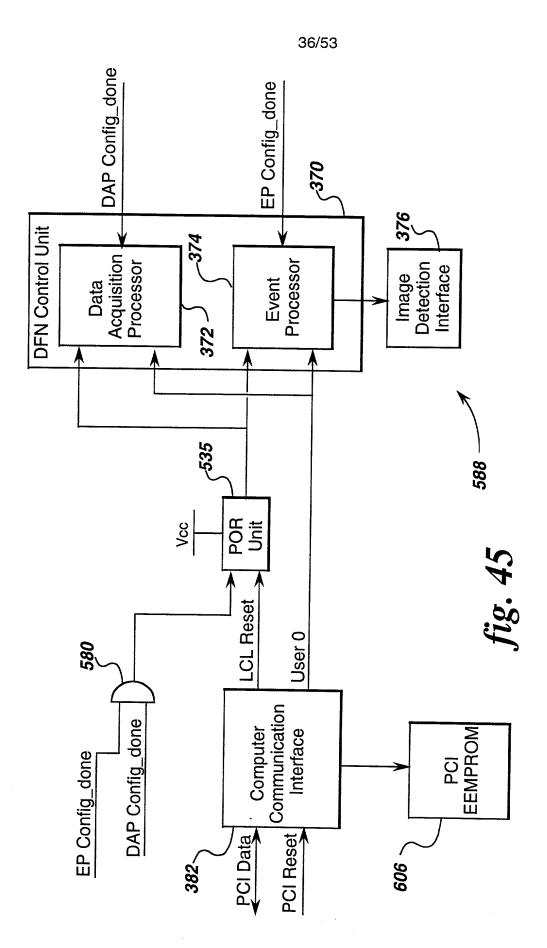


fig. 42







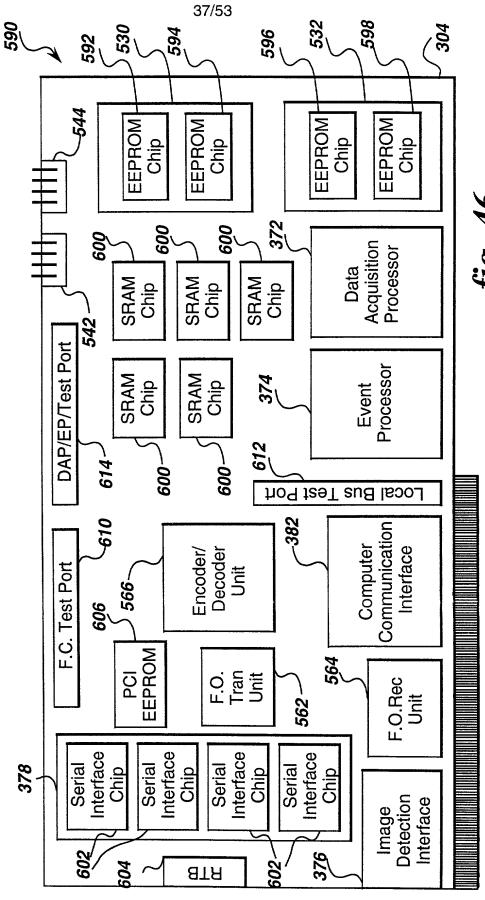
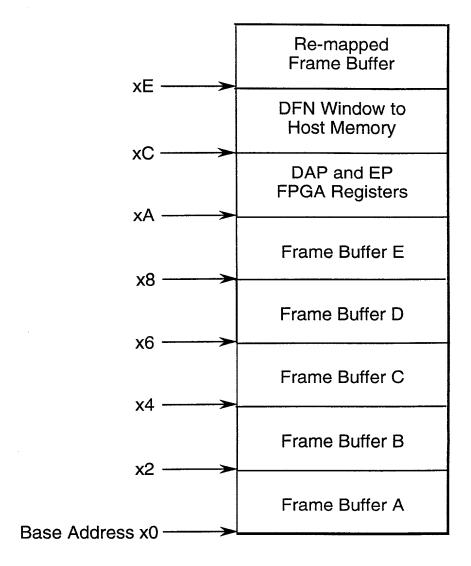


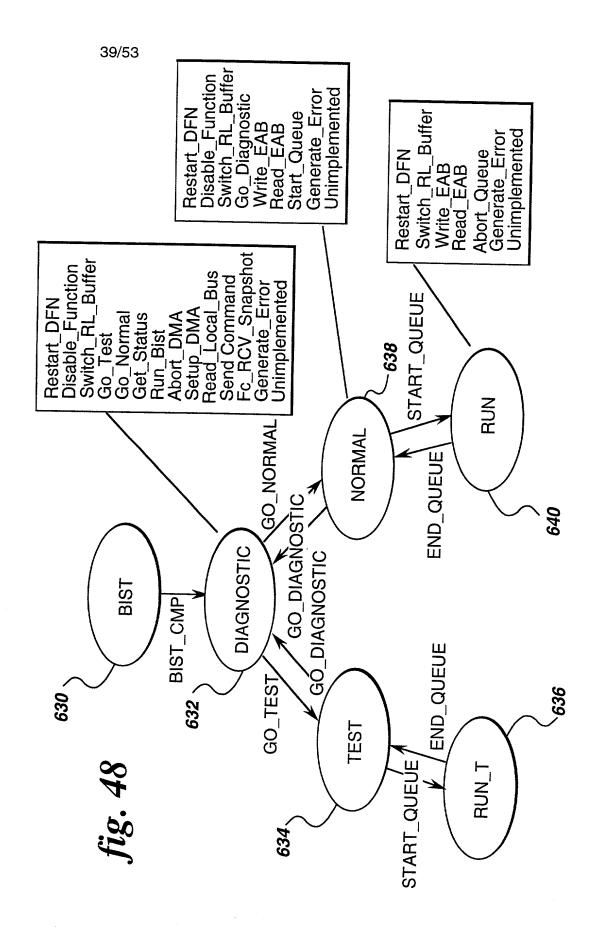
fig. 46

616



Mapping of 16 MByte PCI Address Space

fig. 47



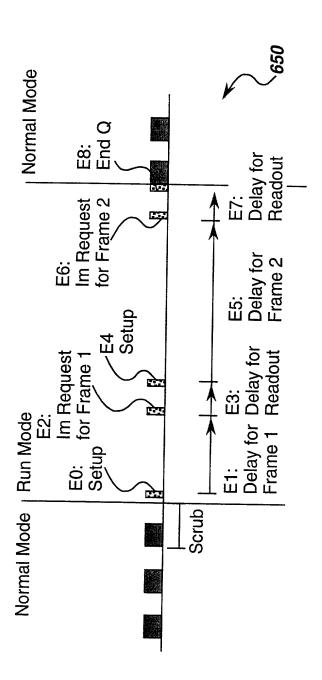
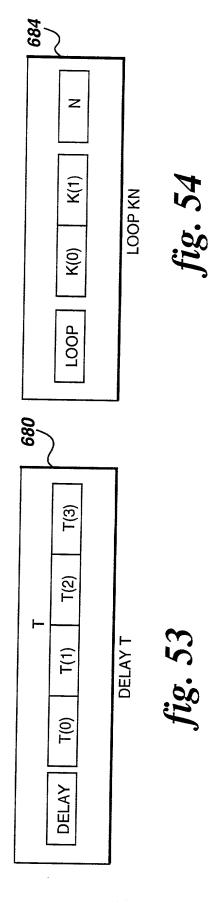


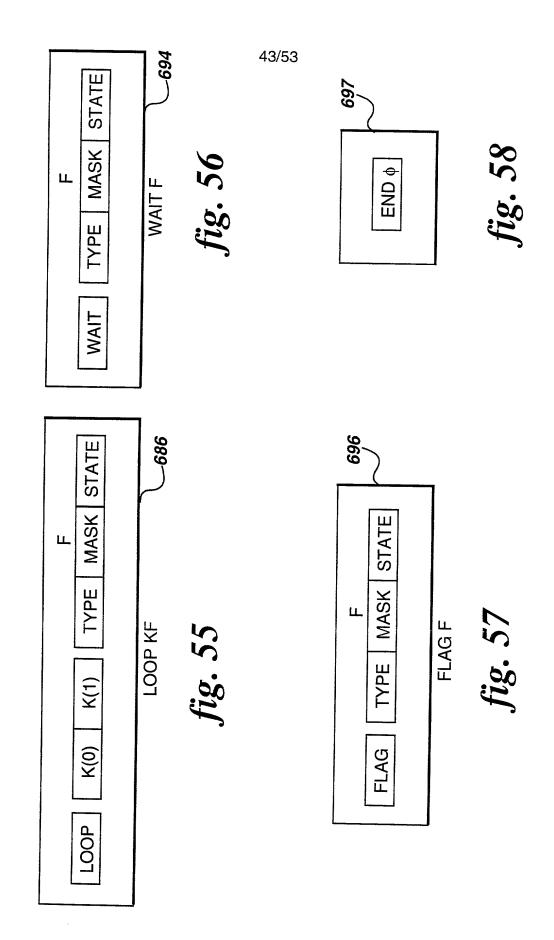
fig. 49

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	099	7			fig. 50				fig 51	
Total	(bytes)	1	- ư	6	4	9	4	4	-	S2 () HDR2
Data	(bytes)	С	9 4	8	33) rc	0	CC CC		S2 HDR2(1) HDR2(2)
Š	Code (hex)	14	10	04	8	QO	60	80		HDR2(0)
Event	(showing size of arguments)	Endq	Delay (0xff ff ff ff)	Send (0xff ff ff ff, 0xff ff ff ff)	LoopKN (0xff ff, 0xff)	LoopKF (0xff ff, 0xff ff ff)	Wait (0xff ff, ff)	Flag (0xff ff, ff)		S1 (1) HDR1(2) HDR1(3)
Event Mnemonic		Endq	Delay (T)	Send (command, value)	LoopKN (K, N)	LoopKF (K, F)	Wait (F)	Flag (F)		SEND HDR1(0) HDR1

									42	/53
				Y	672		fio 52	70.81		
Description of Error	Timeout Expired With No ACK Detected	ACK Did Not Match Transmitted Command	Unexpected ACK Received	New Send Event While Waiting for ACK From Previous Send	No Input Signal Power on Fibre Channel (Cable Disconnected?)	Fibre Channel Receiver Detected Bad Data (Defective Chinset?)	Fibre Channel Data Link Unsvnchronized	Bad Received CRC Detected (Fiher-ontic Cahle Problems)	CRXS(3) & CRXS(2) Bad Order in Link State Machine (Defective Chipset?)	
Error Mnemonic	FC_TIMEOUT	FC_BAD_ACK	FC_EXTRA_ACK	FC_EXTRA_CMD	SIG_DETN	RXERROR	WRDSYNCN	CRXS(1)	CRXS(3) & CRXS(2)	





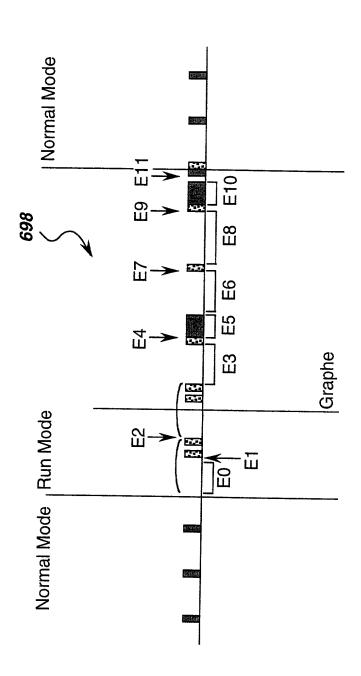


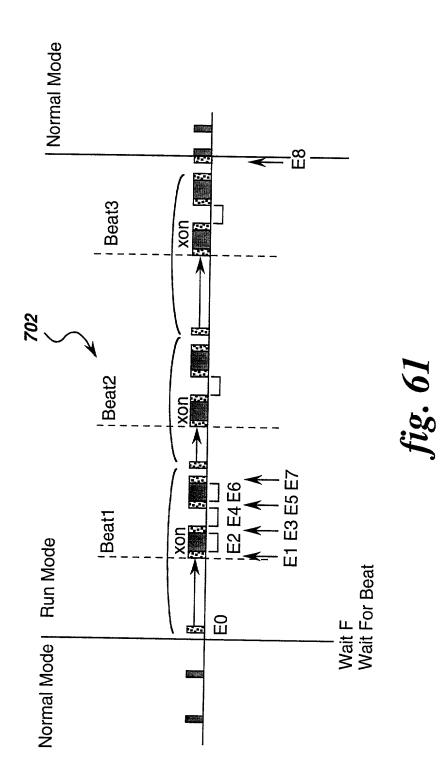
fig. 59

E11	EndQ
E10	Delay 125 ms
E9	Send Im Request
E8	Delay 500 ms
E7	Flag RT2
E6	Delay 50 ms
E5	Delay 125 ms
E4	Send Im Request
E3	Delay 300 ms
E2	Loop 2, RT1
E1	Send Scrub
E0	Delay 300 ms

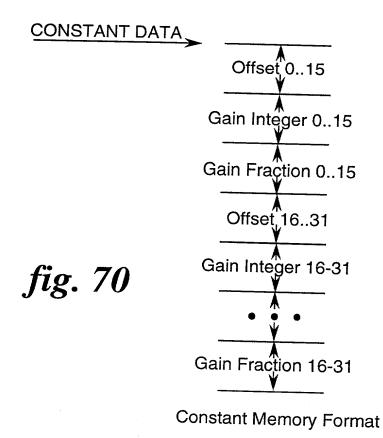
5

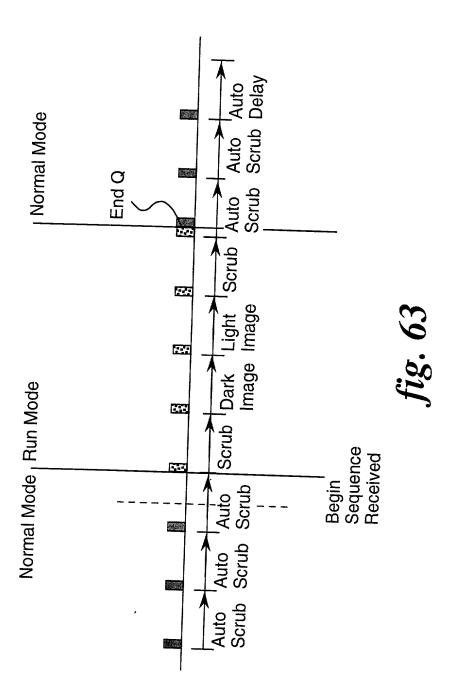
EVENT QUEUE

fig. 60



	47/53	
	EndQ	
E7	LoopKF, HF1	
E6	Delay 23 ms	704
E5	Send Im Request	5
E4	Delay 10 ms	
E3	Flag RT2	
E2	Delay 23 ms	
E1	Send Scrub Request	
E0	Wait RT1	fig. 62
	EVENT QUEUE	1





sequence_begin ();
define qv defaults:
%qv1 =('delay_qv' => 5000);
call frame with qv's
frame_type1(NULL, \%qv1, 1);
sequence_end ();

fig. 64

49/53

fig. 65

fig. 66

// num bytes to write // developer info // variable name // new value pDFN->DFNChangeQueueVariable (ULONG *) & Debug (char *) SymName, (char *) sndBuf, BufSize

fig. 67

fig. 68

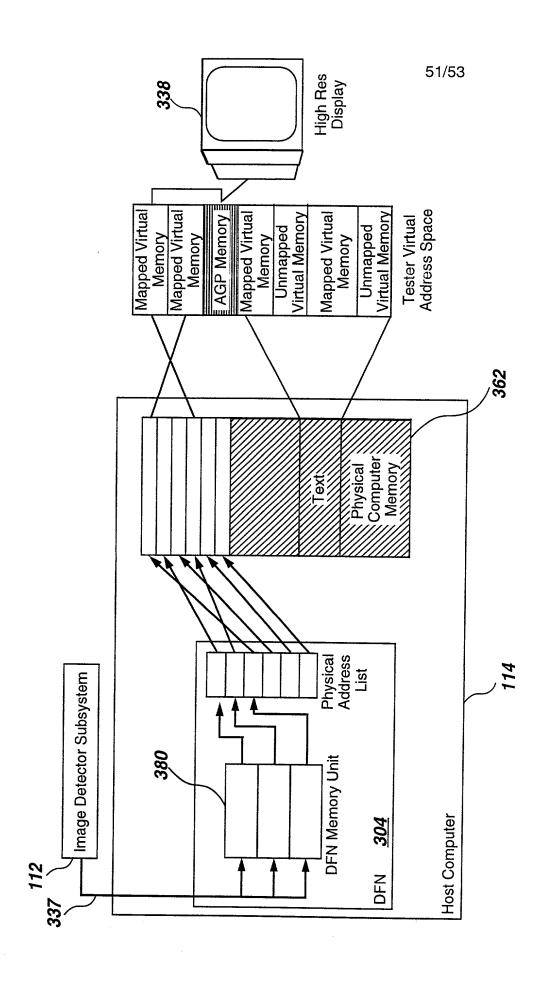
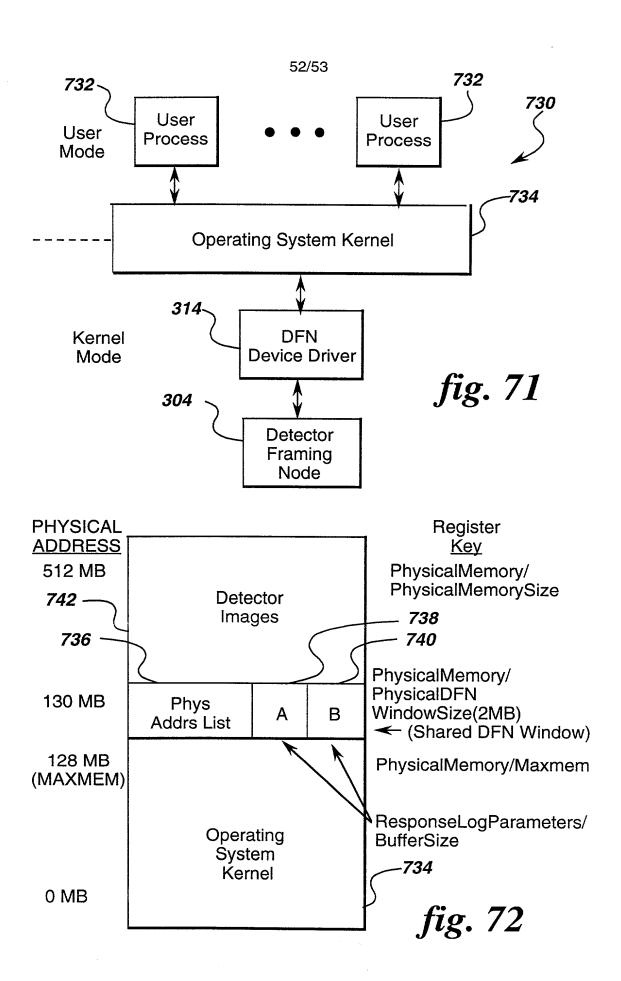


fig. 69



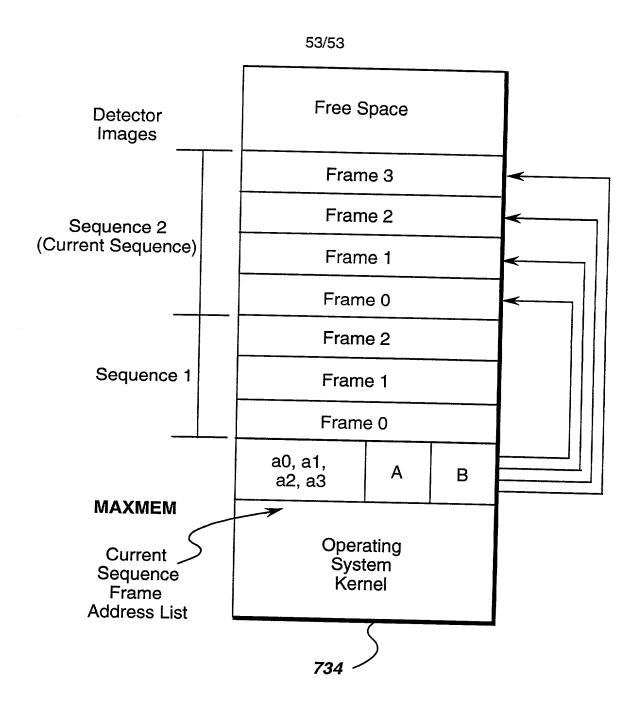


fig. 73